

Atty. Dkt. No. 5500-99801  
DE0335  
P35046AP

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors believe they are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled BUFFER SHARING IN HOST CONTROLLER, the specification of which:

X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)	Priority Claimed		
103 55 583.8 (Number)	DE (Country)	11/28/03 (Date Filed)	Yes

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which become available between the filing date of the prior application and the national or PCT international filing date of this application:

N/A (Application Serial No.)	(Filing Date)	(Status)
(Application Serial No.)	(Filing Date)	(Status)

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I hereby revoke any previous Powers of Attorney and appoint each of

Elizabeth A. Apperley	Reg. No. 36,428	Kent Cooper	Reg. No. 37,296
Bradley Botsch	Reg. No. 34,552	Paul S. Drake	Reg. No. 33,491
Michael Caywood	Reg. No. 37,797	Keith Witek	Reg. No. 37,475
Daniel R. Collopy	Reg. No. 33,667	Harry A. Wolin	Reg. No. 32,638

each of said attorneys being employed by Advanced Micro Devices, Inc.; and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Neal E. Persky	Reg. No. 53,452
Mark R. DeLuca	Reg. No. 44,649	Liza Philip	Reg. No. 51,352
Heather L. Flanagan	Reg. No. 54,101	David W. Quimby	Reg. No. 39,338
Russell Henrichs	Reg. No. 50,354	Rory D. Rankin	Reg. No. 47,884
Erik A. Heter	Reg. No. 50,652	Gareth Sampson	Reg. No. 52,191
Jeffrey C. Hood	Reg. No. 35,198	Chris Thompson	Reg. No. 43,188
B. Noël Kivlin	Reg. No. 33,929	Mark S. Williams	Reg. No. 50,658
Robert C. Kowert	Reg. No. 39,255		
Mark Lupkowski	Reg. No. 49,010		

as attorney or agent, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications as follows:

B. Noël Kivlin  
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
Ph: (512) 853-8800

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Robert Lissel

Inventor's Signature: Robert Lissel Date: 02/02/2004

City and State (or Foreign Country) of Residence: Reutlingen, Germany Citizenship: German

Post Office and Residence Address: Alteburgstrasse 101, 72762, Reutlingen, Germany  
(Include number, street name, city, state and zip code)

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Inventor's Full Name: Bernd Schönfelder

Inventor's Signature: Bernd Schönfelder Date: 01/30/2004

City and State (or Foreign Country) of Residence: Weinböhla, Germany Citizenship: German

Post Office and Residence Address: Alte Weinberg Strasse 31, 01689 Weinböhla, Germany  
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Inventor's Full Name: Frank Barth

Inventor's Signature: Frank Barth Date: 01/30/2004

City and State (or Foreign Country) of Residence: Radebeul, Germany Citizenship: German

Post Office and Residence Address: Nizza Strasse 63A, 01445 Radebeul, Germany  
(Include number, street name, city, state and zip code)

## ASSIGNMENT

I/We, the undersigned, am/are the true inventor(s) of the invention/utility model/design entitled: BUFFER SHARING IN HOST CONTROLLER, and do hereby declare that I/We have assigned all right, title and interest, in the Republic of China, in the said invention/utility model/design to ADVANCED MICRO DEVICES, INC. (Assignee), a corporation organized under the laws of the State of Delaware, having its principal office/residing at ONE AMD PLACE, P.O. BOX 3453, SUNNYVALE, CALIFORNIA 94088-3453, U.S.A.

Inventors:

(1) Signature Robert Lissel  
(in English)  
Signature \_\_\_\_\_  
(in Chinese, if applicable)  
Signed on 02/02/2004  
Name Robert Lissel  
Address Alteburgstrasse 101  
72762, Reutlingen, Germany

(2) Signature Bernd Schönfelder  
(in English)  
Signature \_\_\_\_\_  
(in Chinese, if applicable)  
Signed on 01/30/2004  
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Address Alte Weinberg Strasse 31  
01689 Weinböhla, Germany

(3) Signature Frank Barth  
(in English)  
Signature \_\_\_\_\_  
(in Chinese, if applicable)  
Signed on 01 - 30 - 2004  
Name Frank Barth  
Address Nizza Strasse 63A  
01445 Radebeul, Germany

Note: No Legalization required

## OATH

I/We hereby take oath under penalty of law that the invention/utility model/design entitled:  
BUFFER SHARING IN HOST CONTROLLER, in respect of which an application for patent right is filed was truly invented/created by me/us.

Inventors:

(1) Signature Robert Lissel  
(in English)

Signature \_\_\_\_\_  
(in Chinese, if applicable)

Signed on 02/02/2004

Name Robert Lissel

Address Alteburgstrasse 101

01097, Dresden, Germany

(2) Signature Bernd Schönfelder  
(in English)

Signature \_\_\_\_\_  
(in Chinese, if applicable)

Signed on 01/30/2004

Name Bernd Schönfelder

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01689 Weinböhla, Germany

(3) Signature Frank Barth  
(in English)

Signature \_\_\_\_\_  
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Signed on 01 - 30 - 2004

Name Frank Barth

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Note: No Legalization required